

GPD_x INSTRUCTIONS FOR CLINICS AND SAMPLE COLLECTION CENTRES



Step 1: Contact us

- Call + 966 549109444 or send an email to labsaudi@igenomix.com
- Get more information about the test.
- Request your kit (if you do not have one).
- Request a pickup of the kit after collecting the sample.

The intended use of this kit is the collection and conservation of the sample until it reaches the Igenomix facilities. These instructions are addressed to the nurse or nursing assistant / doctor.



Step 2: Receipt of the Kit

Sample Collection kit: Check the kit and make sure that it includes the following:

- 2 EDTA tubes (CE IVD) (check expiration date. In case of reaching expiration date of EDTA tube or having a damaged container, discard according to current local legislation and contact Igenomix to receive a new kit).
- Secondary plastic container (tube safety receptacle).
- Rigid plastic blister (secondary container).
- Test Requisition Form and Consent Form.
- Shipping bag (courier bag).

Note: kit must be conserved in room temperature until it is used.

Karyotype sample collection kit: Check the kit and make sure that it includes the following:

- Sodium heparin tube (check expiration date. In case of reaching expiration date of Sodium heparin or having a damaged container, discard according to current local legislation and contact Igenomix to receive a new kit).
- Secondary plastic container (tube safety receptacle).
- Test Requisition Form and Consent Form.
- Bubble envelope (courier bag).

Note: kit must be conserved in room temperature until it is



Step 3: Sample collection

Important guidance:

- If applicable to the patient, please ensure that you inform us in the Test Requisition Form (section of Clinical Information) of any:
 1. Bone marrow transplant.
 2. Blood transfusion (>03 days).
 3. Congenital or acquired chimerism.
- Fasting before sample collection is not required.
- The following cases may lead to sample rejection:
 1. Samples not accompanied by their documentation (Test Requisition Form and Informed Consent).
 2. Sample tube without unique identifiers#
 3. Mandatory fields in sample documentation, identified on the forms with an asterisk (*), have not been completed.
 4. Missing patient and/or clinician signature on the Test Requisition and Informed Consent.

Instruction for sample collection:

Blood draw:

- EDTA tube: collect blood (minimum volume of 1 ml, being 3 ml recommended). Samples with insufficient blood may be rejected by our laboratory. If this happens, Igenomix will contact the medical staff.
- After blood draw, immediately mix the contents by inverting gently from 8 to 10 times.
- Once the sample has been taken, do not freeze the tube.

Sample for prenatal diagnostic (contact previously with the lab to check if other familial control samples could be required):

For prenatal diagnostic please contact the lab prior collecting the sample to check if other familial control samples could be required.

- Amniotic fluid: collect a minimum of 10 ml in a sterile tube (or tubes) properly sealed, preferably with CE labelling for biological samples (not proportionated by Igenomix).
- Chorionic villus sampling (cleaned CVS): collect in a sterile tube with culture medium or physiological serum (not proportionated by Igenomix).
- POC (fetal tissue): Tissue in sterile container in saline and cardiac or cord blood in vacutainer, 3 - 4 mm POC specimen or 50 - 100 mg of each tissue
- Maternal Blood: collect mother's peripheral blood in EDTA tube (3-5ml). Maternal blood sample is mandatory in order to discard maternal cell contamination that can affect the test informativity.

Genomic DNA:

The purified genomic DNA in a sealed Eppendorf tube: A minimum 1 microgram of DNA at a concentration of 50-100ng/μl is required.

After blood draw:

- Label the tube with three #unique identifiers (one of the following options):
 - Patient initials or Patient's full name, Gender and Date of Birth or
 - Patient initials or Patient's full name, Gender and Unique Patient ID
 Incorrectly labelled or unlabeled samples will be rejected.
- Put the EDTA tube inside the rigid plastic blister. Fold and place the Test Requisition Form & Consent Form and the sample inside the Igenomix kit. Documents must be correctly completed and signed. Put the kit back inside the shipping bag (courier bag).
- Keep the sample inside the fridge between 4 and 8°C (do not freeze) if the sample cannot be shipped immediately.

Note: for karyotype:

- Sodium heparin tube : collect blood (minimum volume of 2 ml to 2.5 ml recommended).

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Step 4: Logistics

- Send the kit at room temperature (do not freeze) as soon as possible to avoid sample degradation. If sample cannot be sent right after extraction, please store it in the fridge (do not freeze) until it is shipped.
 - In case of using an EDTA tube proportionated by Igenomix to store the sample, do not exceed 48h of storage before shipping. It is recommended to send the sample as soon as possible to Igenomix facilities.
 - In case of using other recipient not proportionated by Igenomix, do not exceed the total storage days indicated by the supplier.
- We recommend that, where possible, samples are returned in the kit provided by Igenomix.
- We recommend including a cold gel pack inside the kit if outside temperatures exceed 35°C. Take care to avoid freezing the sample when adding the gel pack. In case of doubts, please, contact us.



Step 5: Sample pick up

To ensure sample integrity is not compromised, which may lead to test failure and another sample collection, please adhere to the following hours of operation:

Pickups in Saudi Arabia :

- From Sunday to Thursday..
- Contact us at least 24 hours before your preferred collection time to request a courier.

Pickups outside Saudi Arabia :

- Contact us and we will schedule the pickup according to your location.
- Contact us at least 24 hours before your preferred collection time to request a courier.
- Ensure that the shipping bag (courier bag) includes Airway Bill, Commercial Invoice and Non-Declaration shipping documents that will be provided to you prior of the collection request.

Holidays may cause service disruptions. In the event of any disruption, Igenomix will notify you of any changes that apply to the pickups.

We recommend that you ship the samples same day the blood has been withdrawn, in order to guarantee the quality of the sample.



Step 6: Test results

Igenomix will send the test results to the clinician who have requested the test. Results for respective services will be available as per turn around time (TAT) mentioned in Directory of test service [SAU_M_P_002_EN](#) which can be accessed from Igenomix Saudi Arabia website in section "How to send sample"



Additional information

To organize sample pickup or request additional information, please do not hesitate to contact us:



+966 549109444



labsaudi@igenomix.com